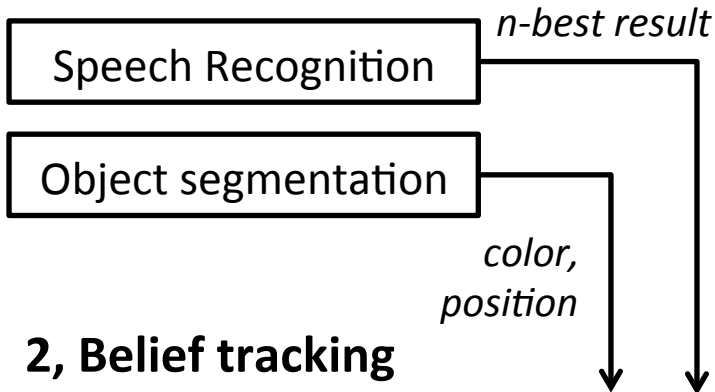


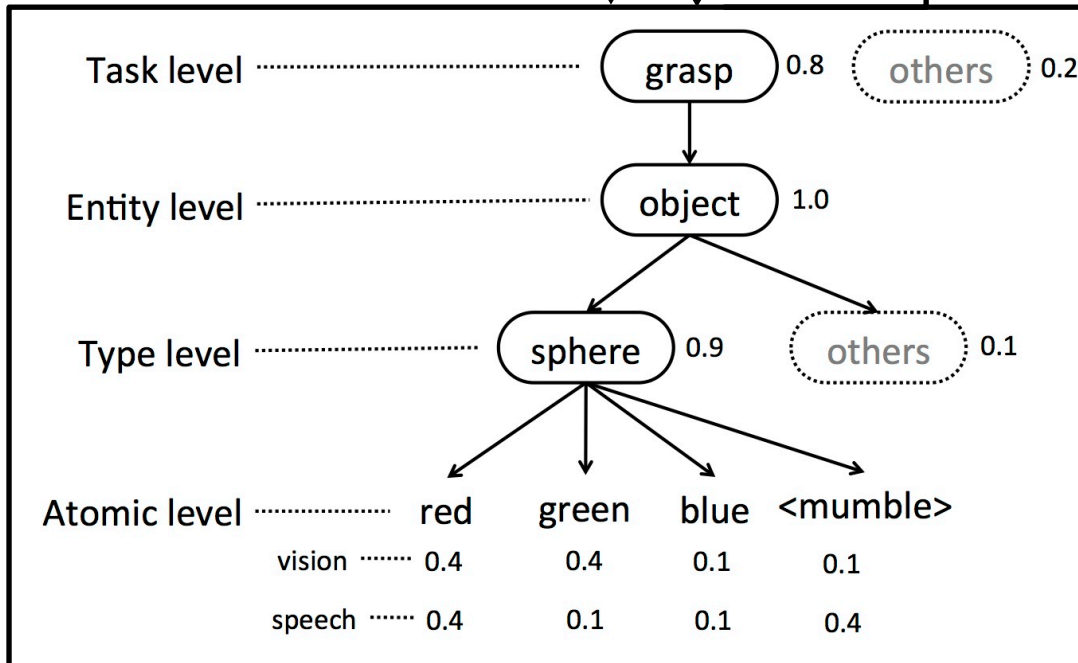
# Multimodal Dialogue Management

Yoichi Matsuyama

## 1, Observation



## 2, Belief tracking



## 3, Hypothesis

Hypothesis 1

Score: **grab(sphere, red)** = 0.25

Status: **ATOMIC\_GROUNDED**

Hypothesis 2

Score: **grab(sphere, <mumble>)** = 0.1

Status: **ATOMIC\_OFFERED**

## 4, Action Selection

*handcrafted policy*

